1. (cancel) A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the distal end of said mapping catheter, the method comprising the steps of:

a) applying an electrical voltage to a connection in said proximal plug;

b) detecting the resultant electrical voltage on the corresponding wire electrode site at said distal end of said mapping catheter; and

c) identifying and associating the electrode with the complimentary proximal plug connection.

2. (cancel) A method of associating a connection in a proximal plug on a mapping catheter with an electrode associated with a wire on the catheter, the method comprising the steps of:

d) applying an electrical voltage to the electrode;

e) detecting the electrical voltage on the proximal plug connection; and

f) identifying and associating the proximal connection with the corresponding complimentary electrode.

3. (new) A method of finding the electrical pin out of the proximal connector (79), said connector having a plurality of connections associated with each of several wires (93-96) of a catheter of the type having multiple insulated wires (93-96) forming a braid (75) comprising the steps of:

a) exposing the braid;

b) applying high voltage electrical energy to one of said proximal connections;

c) detecting the presence of said high voltage electrical energy a a specific wire in said braid thereby determining the location of the wire in the braid;

d) applying a higher voltage to the location to form an electrode site by breaking down the insulation at said site.

4. (new) The method of claim 3 further comprising repeating steps b) through d) until all the wires are processed.